Lijia Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5581693/publications.pdf

Version: 2024-02-01

42 papers	1,577 citations	279798 23 h-index	289244 40 g-index
43 all docs	43 docs citations	43 times ranked	1149 citing authors

#	Article	IF	Citations
1	Asymmetric Annulation of Donorâ€“Acceptor Cyclopropanes with Dienes. Journal of the American Chemical Society, 2015, 137, 8006-8009.	13.7	179
2	Remote Ester Groups Switch Selectivity: Diastereodivergent Synthesis of Tetracyclic Spiroindolines. Journal of the American Chemical Society, 2014, 136, 6900-6903.	13.7	118
3	Reaction of Donorâ€Acceptor Cyclobutanes with Indoles: A General Protocol for the Formal Total Synthesis of (Â±)â€Strychnine and the Total Synthesis of (Â±)â€Akuammicine. Angewandte Chemie - International Edition, 2017, 56, 3055-3058.	13.8	108
4	Asymmetric H₂O-Nucleophilic Ring Opening of Dâ€“A Cyclopropanes: Catalyst Serves as a Source of Water. Journal of the American Chemical Society, 2015, 137, 14594-14597.	13.7	93
5	Asymmetric Ringâ€Opening Reactions of Donorâ€Acceptor Cyclopropanes and Cyclobutanes. Israel Journal of Chemistry, 2016, 56, 463-475.	2.3	93
6	Enantioselective Construction of Cyclobutanes: A New and Concise Approach to the Total Synthesis of (+)-Piperarborenine B. Journal of the American Chemical Society, 2016, 138, 13151-13154.	13.7	83
7	Highly Enantioselective [3+2] Annulation of Indoles with Quinones to Access Structurally Diverse Benzofuroindolines. Angewandte Chemie - International Edition, 2018, 57, 3810-3814.	13.8	80
8	Highly Diastereoselective and Enantioselective Formal [4 + 3] Cycloaddition of Donorâ€“Acceptor Cyclobutanes with Nitrones. Organic Letters, 2015, 17, 2680-2683.	4.6	77
9	One-Pot Catalytic Asymmetric Synthesis of Tetrahydrocarbazoles. Organic Letters, 2015, 17, 4014-4017.	4.6	73
10	Synergetic Tandem Enantiomeric Enrichment in Catalytic Asymmetric Multi-Component Reactions (AMCRs): Highly Enantioselective Construction of Tetracyclic Indolines with Four Continuous Stereocenters. ACS Catalysis, 2018, 8, 4991-4995.	11.2	52
11	Highly Efficient Formal [2+2+2] Strategy for the Rapid Construction of Polycyclic Spiroindolines: A Concise Synthesis of 11â€Demethoxyâ€16â€epiâ€myrtoidine. Angewandte Chemie - International Edition, 2016, 55, 9224-9228.	13.8	50
12	Cyâ€SaBOX/Copper(II)â€Catalyzed Highly Diastereoâ€and Enantioselective Synthesis of Bicyclic N,Oâ€…Acetals. Angewandte Chemie - International Edition, 2016, 55, 9220-9223.	13.8	48
13	Asymmetric 1,2-Perfluoroalkyl Migration: Easy Access to Enantioenriched Î±-Hydroxy-Î±-perfluoroalkyl Esters. Journal of the American Chemical Society, 2015, 137, 4626-4629.	13.7	42
14	Efficient catalytic enantioselective Nazarov cyclizations of divinyl ketoesters. Organic Chemistry Frontiers, 2015, 2, 811-814.	4.5	34
15	Reaction of Donorâ€Acceptor Cyclobutanes with Indoles: A General Protocol for the Formal Total Synthesis of (Â±)â€Strychnine and the Total Synthesis of (Â±)â€Akuammicine. Angewandte Chemie, 2017, 129, 3101-3104.	2.0	31
16	Catalytic Asymmetric Synthesis of 3-Hydroxy-3-trifluoromethyl Benzofuranones via Tandem Friedelâ€“Crafts/Lactonization Reaction. Organic Letters, 2015, 17, 4886-4889.	4.6	30
17	Access to Hexahydrocarbazoles: The Thorpeâ€“Ingold Effects of the Ligand on Enantioselectivity. Angewandte Chemie - International Edition, 2017, 56, 6942-6945.	13.8	30
18	Copper(I)/SaBOX catalyzed highly diastereo- and enantio-selective cyclopropanation of cis -1,2-disubstituted olefins with Î±-nitrodiazoacetates. Science Bulletin, 2015, 60, 210-215.	9.0	28

#	Article	IF	Citations
19	Sidearm Modified Bisoxazoline Ligands and Their Applications. Chinese Journal of Chemistry, 2018, 36, 1123-1129.	4.9	28
20	Highly Enantioselective [3+2] Annulation of Indoles with Quinones to Access Structurally Diverse Benzofuroindolines. Angewandte Chemie, 2018, 130, 3872-3876.	2.0	24
21	Copper Catalyzed Asymmetric [4 + 2] Annulations of Dâ€A Cyclobutanes with Aldehydes. Chinese Journal of Chemistry, 2018, 36, 47-50.	4.9	24
22	Selectivity Switch in a Rhodium(II) Carbene Triggered Cyclopentannulation: Divergent Access to Three Polycyclic Indolines. Angewandte Chemie - International Edition, 2019, 58, 4345-4349.	13.8	24
23	A Versatile Enantioselective Catalytic Cyclopropanationâ€Rearrangement Approach to the Divergent Construction of Chiral Spiroaminals and Fused Bicyclic Acetals. Angewandte Chemie - International Edition, 2020, 59, 18964-18969.	13.8	24
24	Highly Efficient Formal [2+2+2] Strategy for the Rapid Construction of Polycyclic Spiroindolines: A Concise Synthesis of 11â€Demethoxyâ€16â€epi â€myrtoidine. Angewandte Chemie, 2016, 128, 9370-9374.	2.0	21
25	Highly Enantioselective Nickel-Catalyzed Oxa-[3+3]-annulation of Phenols with Benzylidene Pyruvates for Chiral Chromans. Organic Letters, 2018, 20, 3858-3861.	4.6	19
26	Copper-Catalyzed Enantioselective Cyclopropanation of Internal Olefins with Diazomalonates. Organic Letters, 2017, 19, 5717-5719.	4.6	18
27	Facile Stereoselective Approach to Diverse Spiroheterocyclic Tetrahydropyrans: Concise Synthesis of (+)â€Broussonetineâ€…G and H. Angewandte Chemie - International Edition, 2019, 58, 15016-15020.	13.8	18
28	Sidearm as a Control in the Asymmetric Ring Opening Reaction of Donorâ€Acceptor Cyclopropane. Chinese Journal of Chemistry, 2014, 32, 669-672.	4.9	17
29	Highly enantioselective cyclopropanation of trisubstituted olefins. Science China Chemistry, 2018, 61, 526-530.	8.2	15
30	Copper Catalyzed[3+2] Annulation of Indoles with 1,1,2,2-Tetrasubstituted Donor-Acceptor Cyclopropanes. Acta Chimica Sinica, 2017, 75, 783.	1.4	15
31	Cyâ€SaBOX/Copper(II)â€Catalyzed Highly Diastereoâ€and Enantioselective Synthesis of Bicyclic N,Oâ€…Acetals. Angewandte Chemie, 2016, 128, 9366-9369.	2.0	14
32	Asymmetric Catalytic [3+2] Annulation of <scp>Donorâ€Acceptor</scp> Cyclopropane with Cyclic Ketones: Facile Access to Enantioenriched <scp>1â€Oxaspiro</scp>[4.5]decanes^{â€}. Chinese Journal of Chemistry, 2020, 38, 1629-1634.	4.9	14
33	A Synthesis of Multifunctionalized Indoles from [3 + 2] Annulation of 2-Bromocyclopropenes with Anilines. Organic Letters, 2019, 21, 4097-4100.	4.6	10
34	Access to Hexahydrocarbazoles: The Thorpeâ€“Ingold Effects of the Ligand on Enantioselectivity. Angewandte Chemie, 2017, 129, 7046-7049.	2.0	9
35	Highly Stereoselective Direct Construction of Diarylâ€Substituted Cyclobutanes â€. Chinese Journal of Chemistry, 2020, 38, 259-262.	4.9	9
36	Allenamideâ€Initiated Cascade [2+2+2] Annulation Enabling the Divergent Total Synthesis of (â˜)â€Deoxoapodine, (â˜)â€Kopsifolineâ€…D and (Â±)â€Melotenineâ€…A. Angewandte Chemie - International Edition, 2022, 61, .	13.8	6

#	Article	IF	Citations
37	Facile Stereoselective Approach to Diverse Spiroheterocyclic Tetrahydropyrans: Concise Synthesis of (+)â€Broussonetineâ€…G and H. Angewandte Chemie, 2019, 131, 15158-15162.	2.0	5
38	Selectivity Switch in a Rhodium(II) Carbene Triggered Cyclopentannulation: Divergent Access to Three Polycyclic Indolines. Angewandte Chemie, 2019, 131, 4389-4393.	2.0	5
39	A Versatile Enantioselective Catalytic Cyclopropanationâ€Rearrangement Approach to the Divergent Construction of Chiral Spiroaminals and Fused Bicyclic Acetals. Angewandte Chemie, 2020, 132, 19126-19131.	2.0	5
40	Stereospecific synthesis of highly functionalized benzo[3.1.0]bicycloalkanes via multistep cascade reactions. Organic Chemistry Frontiers, 2014, 1, 965-968.	4.5	4
41	Intramolecular Ring-opening of Indole-cyclopropanes^{â€»}. Acta Chimica Sinica, 2022, 80, 255.	1.4	0
42	Allenamide Initiated Cascade [2+2+2] Annulation Enabling the Divergent Total Synthesis of (â€)â€Deoxoapodine, (â€)â€Kopsifoline D and (Â±)â€Melotenine A. Angewandte Chemie, 0, , .	2.0	0